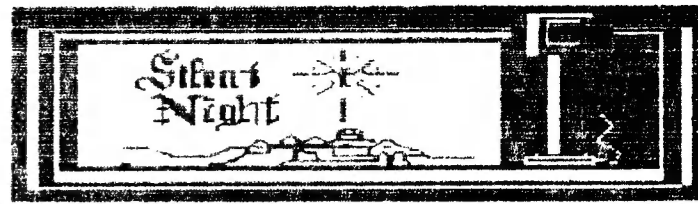


# Mid-State Amateur Radio Club

President: Joe Vergara KA9ZPA  
Vice Pres: Keith Coburn K9PBI  
Secretary: Bob Doles WB9AYB  
Treasurer: Mac McCarty NV9K  
Repeater Trustee: David Julian WB9YIG



## The Spark Gap

Christmas 1991 Edition

### RESULTS NOVEMBER TESTING IN RUSHVILLE

Robert Dehner	Columbus	NC Tech
Michael Holland	Whiteland	NC Tech
Alan Kelly	Plainfield	NC Tech
Keith Owen	Indianapolis	NC Tech
Joe Rogers	Franklin	General
Joe Rust	Zionsville	NC Tech
Charles Sullivan	Indianapolis	NC Tech
Bert White	Brownsburg	General
Justin White	Brownsburg	Tech

### STATISTICS FOR ALL 1991 VE TESTS

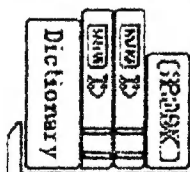
Attempted	Test:	Passed	Percent
29	Tech	26	90%
43	NC Tech	34	79%
15	General	12	80%
11	Advanced	7	64%
16	Extra	9	56%
114	Total	88	79%



### The Swap Swamp

#### Buy-Sell or Swap

Wanted: 3/4 element 2 mtr beam for tower.  
WB9UWL 525-6317  
Wanted: 3/4/5 element 6 mtr. beam for  
tower KA9ZPA 862-3394



### For Your Information

REMINDER: You have until December 31st to order your Ham license plates for 1992.

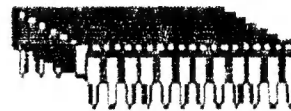
REMINDER: Plans are currently being made for the club family dinner in February so check at the club meeting for more details.

YOU HEARD IT HERE! In the May 1991 Spark-Gap an article mentioned the intelligent shopping carts of the future. This week a Kroger store at County Line Mall opened using the high-tech carts!

REMINDER: Dave, WB9YIG has announced he will be changing the autopatch codes in

the near future. Possibly they will go into effect in January when members pay their dues for next year.

MORE ON REUBEN: The December 1 edition of the W5YI report mentions the possibility that Reuben Souff, AA9BY who passed the test for extra in the Franklin test session in August is possibly the youngest Amateur Extra in the US at age 9,



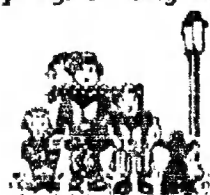
### NEW TECH

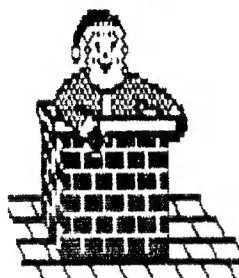
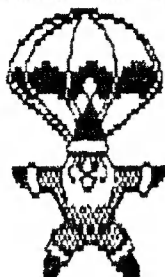
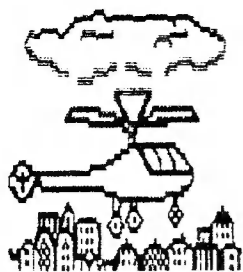
#### COMPUTER HACKERS WANTED BY THE ARMY

The Army wants a few good computer-hackers to help it develop a good computer virus that could attack enemy hardware by gumming up their computer systems. One expert proposed injecting viruses, rogue programs that "infect" and can destroy computer networks, by using radio waves. However other computer experts say radio wave techniques are too primitive to do the job. So, the Army wants a few good men that include some with sneaky intentions! Our criminals can whip their criminals any day of the week!

#### GOLDEN ARCHES TO GET TELEVISION

Turner Broadcasting and McDonald's restaurant chain agreed recently to explore the development of a customized TV network for the McDonald restaurants in the United States. Turner Private Networks Inc. signed the unusual agreement on November 18th saying it's "a most ambitious project, taking the concept of out-of-home media to a new level." David Green, McDonald's senior vice president said, "our customers expect a unique experience at McDonald's and exclusive programming is another way to deliver it."





## HAM CLASS IN LOCAL HIGH SCHOOL

Barb Cohoon, KB9GTV will be teaching a group of Franklin High School students to become hams starting in January. This is all part of a new program adopted by the school system to provide special instruction to high-achieving students. The class will extend from January 7th through the 17th, and will give the group of 16 students the Novice test on the final day. Good luck, Barb on your venture and we hope you will create sixteen new hams for our area!

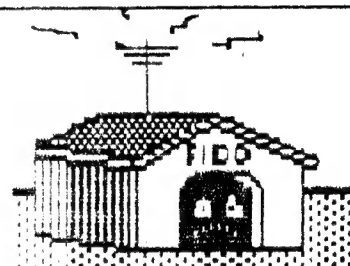
## CHRISTMAS MESSAGES

Some of the members of our club plan again to offer a Christmas message program to the Masonic Home. This project has met with appreciation from this group in the past, and although it is an easy job for us, it helps to make their Christmas meaningful. If you would like to help either in taking down messages or in sending them to destination let Bob WB9AYB know at the meeting this Saturday.

I hope everyone has a very merry Christmas and a great New Year!  
Joe KA9ZPA



BEFORE



AFTER

Merry Christmas